

DO NOT ENTER
M.L. 5/19/06

IN THE CLAIMS:

1. (Currently Amended) A method, comprising the steps of:
receiving an image signal, and
providing, in response to the image signal, a mixed image signal for providing ~~simulated active percepts~~ a mixed image having areas of greater and lesser resolution for passive perception.
2. (Original) The method of claim 1, wherein said step of providing a mixed image signal comprises the steps of:
providing successive mixed optical images of an object space in an image space for presentation to a viewer's eye, each mixed optical image having a highly detailed component and a lesser detailed component, the successive mixed optical images for simulating percepts of optical images of the object space cast on a simulated eye's retina, and
changing the image content of selected successive mixed optical images according to the changes in the direction of the simulated eye's visual axis in the object space such that the relative direction of the visual axis of the viewer's eye with respect to the image space may analogously follow the relative direction of the simulated eye's visual axis with respect to the object space by following the highly detailed component of the successive mixed optical images presented thereto such that the highly detailed component may be cast on the fovea of the retina of the viewer's eye and the lesser detailed component may be cast on the remainder of the retina of the viewer's eye for simulating the viewer to experience percepts corresponding to the simulated percepts.
3. (Original) The method of claim 2, further comprising the step of presenting the successive mixed images at various apparent distances such that the viewer's eye may accommodate to focus on the mixed successive images at the various apparent distances.